## ABSTRACT OF THE DISCLOSURE

Methods of treating cyclooxygenase-2 mediated disorders comprising administering to a subject a therapeutically effective amount of one or more 2-fluorobenzenesulfonyl compounds corresponding to Formula I:

$$R^{1}$$
 $R^{3}$ 
 $R^{2}$ 
 $R^{2}$ 

I

wherein A, R<sup>1</sup>, R<sup>2</sup>, and R<sup>3</sup> are as described in the specification, and novel 2-fluorobenzenesulfonyl compounds within Formula I.